Wetlands Appeal

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| Learning Objectives | |
| Criteria A – One World | Discuss the ways in which science is applied and used to address specific problems or issues. |
| Discuss and evaluate the environmental implications of the use of science and its application in a global context |
| Criteria B – Communication in Science | Use scientific language correctly |
| Use appropriate communication modes to effectively communicate theories and findings in science. |

Your task is to put together an interview between you (scientist) and your partner (local politician) in regards to a local wetland being destroyed in order to build a shopping mall. The purpose of this interview is for you (scientist) to persuade/influence your partner (politician) to change their stance on the building project and to change the location of where it will be built. Your interview should be no less than two minutes and no more than five minutes in length.

Your task:

1. Create a set of points arguing the importance of maintaining our wetland and describe how removing it might affect the local ecosystem.
2. Create a set of counter arguments that use scientific language which could be used to address your list of points.
3. Write a half page description that addresses our unit question: What is the future for our coastal environments?

*Possible scientific words to use: adaptation, biodiversity, consumer, producer, ecosystem, food chain, food web, species, organism, predator-prey relationship, parasite-host relationship, mutualism, sustainability.*

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| **Criterion A – One World** | |
| **Achievement Level** | Descriptor |
| **0** | You do not reach a standard described by any of the descriptors below. |
| **1-2** | You are able to create a list of points that makes a limited statement on why maintaining the wetland is important and how removing it might affect the local ecosystem. |
| **3-4** | You are able to create a list of points that makes some reasonably useful comments on why maintaining the wetland is important and how removing it might affect the local ecosystem. You are able to write a limited paragraph that addresses our unit question. |
| **5-6** | You are able to create a list of points that makes some sensible comment on why maintaining the wetland is important and how removing it might affect the local ecosystem. You are able to write a comprehensive paragraph that addresses our unit question. |

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| **Criterion B – Communication in Science** | |
| **Achievement Level** | Descriptor |
| **0** | You do not reach a standard described by any of the descriptors below. |
| **1-2** | You use a limited range of scientific language correctly. You communicate scientific information with limited effectiveness. |
| **3-4** | You use some scientific language correctly. You communicate scientific information with some effectiveness. |
| **5-6** | You use sufficient scientific language correctly. You communicate scientific information effectively. |